

**RECEIVED**  
**CENTRAL FAX CENTER**

**APR 16 2007**



**VESUVIUS USA**  
**RIDC PARK WEST**  
**250 PARK WEST DRIVE**  
**PITTSBURGH, PA 15275**  
**(412) 429-1800 FAX: (412) 429-3448**

Total Pages: 7  
(Including cover)

**TO : Commissioner for Patents**  
**Mail Stop: AMENDMENT**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**  
**FAX : 571-273-8300**  
**ART UNIT : 1742**  
**EXAMINER : Scot R. Kastler**  
**FROM : Thomas Dunford - Vesuvius CR - Legal Dept.**  
**DATE : April 16, 2007**  
**SUBJECT : AMENDMENT REPLY FOR**  
**US APPLICATION NO.: 10/485,746**  
**FILED: FEBRUARY 6, 2004**  
**INVENTOR: KOTYUK**  
**ATTORNEY DOCKET NO. : 1416 US**

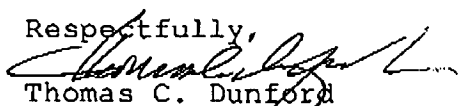
The following documents are being transmitted herewith as an AMENDMENT REPLY to the USPTO Office Action dated 1/17/2007 for the subject U.S. Patent Application:

-1 PAGE - FAX COVER SHEET

-1 PAGE - TRANSMITTAL FORM (PTO/SB/21) WITH CERTIFICATE OF TRANSMISSION

-5 PAGES - AMENDMENT REPLY DOCUMENTS

Respectfully,

  
Thomas C. Dunford  
Vesuvius Crucible Legal Department

This communication is intended for the use of the addressee(s) so named above and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this communication is not the intended recipient, employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify this office immediately by telephone (collect) and return the original message to us at the above address via the U.S. Postal Service. Thank you.

Apr. 16. 2007 12:47PM

**RECEIVED  
CENTRAL FAX CENTER**

No. 9941 P. 2

APR 16 2007

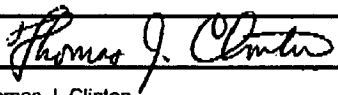
PTO/SB/21 (04-07)

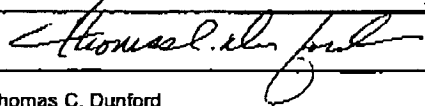
Approved for use through 09/30/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>	Application Number	10/485,746	
	Filing Date	February 6, 2004	
	First Named Inventor	KOTYUK	
	Art Unit	1742	
	Examiner Name	KASTLER, Scott R.	
(to be used for all correspondence after initial filing)		Attorney Docket Number	1416 US
Total Number of Pages in This Submission		6	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	VESUVIUS CRUCIBLE COMPANY		
Signature			
Printed name	Thomas J. Clinton		
Date	4/16/2007	Reg. No.	40,561

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Thomas C. Dunford	Date	4/16/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PAGE 27 \* RCVD AT 4/16/2007 1:54:50 PM [Eastern Daylight Time] \* SVR:USPTO-EFXXRF-3/1 \* DNIS:2738300 \* CSID: \* DURATION (mm-ss):02:10

Copied from 10486746 on 04/24/2007

**RECEIVED  
CENTRAL FAX CENTER**

**APR 16 2007**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	KOTYUK
Title	ADJUSTABLE FORM
Serial Number	10/485,746
Filing Date	06 February 2004
Art Unit	1742
Examiner	Scott Kastler
Attorney Docket No.	1416

**AMENDMENT PURSUANT TO 37 C.F.R. § 1.111**

To: Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Office Action mailed 17 January 2007, Applicant requests early and favorable action on pending claims 1-20.